

IN THE SPECIFICATION

Please amend the first paragraph on page 5 to read:

A1 In addition to interfaces to mobile switching centers 104 and other elements of the public switched telephone network 106, SCP 108 includes an interface to a mobile Internet gateway 114. Mobile Internet gateway 114 is coupled to the data network 116, which is, for example, the Internet. Mobile Internet gateway 114 provides an interface for communication between elements on data network 116 and mobile units 101 or other elements in communication with system 100. Data network 116 is shown in FIG. 1 with a computer 118 coupled to it. In addition, a wireless network interface 120 is shown coupled to data network 116. ~~The~~ The wireless network interface 120 communicates with mobile data devices 122, such as personal digital assistants and the like.

Please amend the second full paragraph on page 8 that extends to page 9 to read:

A2 The parameters included in the zone query vary. FIG. 3 is a chart 300 showing the preferred zone query parameters. The preferred parameters include an MS identifier 302, a query type 304, query type parameters 306, serving MSC 308, serving cell ~~309~~ 310 and MS location ~~340~~ 312. The MS identifier 302 is a number that uniquely identifies a mobile unit 101. The query type 304 indicates the type of query sought by the request. In a preferred embodiment, three query types are supported: personal zone query, shared zone query and zone provisioning query. A personal zone query is a query relating to a zone that is determined based on the mobile unit itself. In other words the zone is personal to the mobile unit. A shared zone query is a query relating to a geographical zone shared by a group of mobile units, including a group consisting of all mobile units. An example of a shared zone is a zone based on zip codes.

A zone-provisioning query is a request to establish a personal zone. The query type parameters 306 vary based on the query type and include certain parameters associated with the query type. For example, a personal zone query may include parameters used to resolve conflicts in determining the zone. In the case of a shared zone query, the query type parameters 306 may identify the type of shared zone, for example, zip code zone. The query type parameters for a zone-provisioning query may include, for example, the latitude, longitude, and a radius to define a circular personal zone. The serving MSC 308 identifies the mobile switching center currently serving the mobile unit identified by the MS identifier 302. The serving cell 309 identifies, if known, the cell and sector currently serving the mobile unit identified by the MS identifier 302. MS location 310 identifies, if known, the latitude, longitude and uncertainty of the mobile unit identified by MS identifier 302.
